**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD NOTES

OF THE DEPENDENT RESURVEY OF A PORTION OF

THE FIFTH STANDARD PARALLEL NORTH (NORTH BOUNDARY),

A PORTION OF THE WEST BOUNDARY,

AND A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 20 NORTH, RANGE 7 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

#### **EXECUTED BY**

#### Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated March 23, 2016, approved March 23, 2016, which provided for the surveys included under Group No. 1156, and assignment instructions dated March 23, 2016.

Survey commenced March 28, 2016

Survey completed November 30, 2016

## INDEX DIAGRAM

## TOWNSHIP 20 NORTH RANGE 7 WEST GILA AND SALT RIVER MERIDIAN, ARIZONA

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#### T. 21 N., R. 7 W., Gila and Salt River Meridian, Arizona

#### CHAINS

The following field notes describe the dependent resurvey of a portion of the Fifth Standard Parallel North (North Boundary), a portion of the West Boundary, and a portion of the subdivisional lines, Township 20 North, Range 7 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

Omar H. Case, Deputy Surveyor, surveyed the Fifth Standard Parallel North through Range 7 West, Gila and Salt River Meridian, in 1872. (Book 2864)

Philip Contzen, U.S. Deputy Surveyor, resurveyed the portion of the Fifth Standard Parallel North, through Range 7 West, Gila and Salt River Meridian, in 1893. (Book 1683)

Philip Contzen, U.S. Deputy Surveyor, surveyed the exteriors of Townships 20 North, Ranges 7 and 8 West, Gila and Salt River Meridian, in 1893. (Book 1687)

Philip Contzen, U.S. Deputy Surveyor, surveyed the subdivisional lines of Township 20 North, Range 7 West, Gila and Salt River Meridian, in 1893. (Book 1087)

Edward N. Thompson and J.P. Davis, U.S. Transitmen, retraced a portion of the Fifth Standard Parallel North through Range 7 West, and surveyed the subdivisional lines, Township 21 North, Range 7 West, Gila and Salt River Meridian, and in 1916. (Book 3195)

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Instructions</u> (2009), and the Special Instructions dated March 23, 2016, for Group No. 1156, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 model receivers.

The "standard monument" referred to in these notes is a stainless steel post, 28 ins. Long, 2 1/2 ins. diam., with a brass cap. Unless otherwise indicated, a magnet in a white plastic case is deposited at the base of the stainless steel post.

The "USFS signs # 54-2" referred to in these notes are marked "POPERTY BOUNDARY National Forest Service land behind this sign" The "USFS signs # 54-9" are marked "LAND SURVEY MONUMENT Please do not disturb".

#### CHAINS

Geodetic control was derived from Global Positioning System (GPS) static post observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DL9798 KGMN MOHAVE FLOOD HQ CORS ARP, AI8820 FERN FERNO MESA CORS ARP and DL1898 AZPS PRESCOTT CORS ARP. The NAD 83 (CORS96) (EPOCH:2010), geographic position of the section corner of sections 1, 2, 11, and 12, Township 20 North, Range 7 West, is as follows:

Latitude: 35°08'20.328" N. Longitude: 112°58'13.513" W.

The NAD 83 (CORS96)(EPOCH:2010), geographic position of the Standard Township Corner of Townships 21 North, Ranges 7 and 8 West, is as follows:

Latitude: 35°09'17.639" N. Longitude: 113°03'45.257" W.

The mean magnetic declination is 11° E.

Dependent Resurvey of a Portion of the Fifth Standard Parallel North (North Boundary), T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Omar H. Case, 1872

Beginning at the Standard Corner of Tps. 21 N., Rs. 6 and 7 W., a juniper, 16 ins. diam., with scribe marks visible but not legible on mostly healed blazes on the NE, S., and NW faces.

from which

- A rebar, 5/8 in. diam., 24 ins. long, set 20 ins. in the ground, for a reference monument, bears S. 06°29' E., 23.8 ft. dist., with brass cap, 2 ins. diam., mkd. RM 23.8 FT. TO COR. 2016, and an arrow pointing to the cor.
- A rebar, 5/8 in. diam., 24 ins. long, set 16 ins. in the ground, in a collar of stone, for a reference monument, bears N. 89°56′ W., 19.9 ft. dist., with brass cap, 2 ins. diam., mkd. RM 19.9 FT. TO COR. 2016, and an arrow pointing to the cor.

From this corner the original 1/4 sec. cor. of sec. 32 only, T. 21 N., R. 6 W., bears N. 01°39' W., 2.075 chs. dist., monumented with a limestone, 6 x 8 ins., projecting 6 ins. above the ground, with 1/4 on the W. face. Raise a mound of stone, 3 ft. base, 1 ft. high, west of cor. This corner is located E., approx. 36 lks. dist. of a barbed wire fence, 5 strand, bears Northerly and Southerly.

#### CHAINS

From this same corner the closing cor. for sec. 1, T. 20 N., R. 7 W., bears S. 88°23' E., 7.57 chs. dist., monumented with a limestone, 8 x 12 ins., projecting 6 ins. above the ground, with 6 grooves and CC on the NE face, and 6 grooves on the SE face, with a mound of stone, 3 ft. base 1 1/2 ft. high, SW of cor.

Attach a "USFS 54-9" sign to the N. face of the cor. tree.

Cor. tree is located S., approx. 6 lks. dist. of a barbed wire fence, and S. 68° W., 20 1/2 lks. dist. of a wood post fence cor.

N. 89°47' W., bet. secs. 1 and 36.

Over rolling terrain, through piñon and juniper.

40.165

Point for the original Standard 1/4 sec. cor. of sec. 36, designated in the 1916 retracement as an angle point, at proportionate dist., by method of irregular boundary adjustment, there is no remaining evidence of the 1872 monument or accessory.

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, in solid rock, with top mkd.

AP T 21 N R 7 W

> S 36 S 1

T 20 N R 7 W 2016

Deposit a magnet in drill hole at base of stem.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

This cor. is located S., 4 1/2 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.

N. 89°50' W., beginning new measurement.

39.845

Point for the closing cor. of secs. 35 and 36, T. 21 N., R. 7 W. at the closing cor. point

Set a rebar, 5/8 in. diam., 24 ins. long, 4 ins. in a drill hole, 8 ins. below ground level (12 ins. in the ground), in a mound of stone, 3 1/2 ft. diam., to 2 in. diam. brass cap mkd.

CHAINS

T 21 N R 7 W

S 35 | S 36 C | C S 2 T 20 N R 7 W

2016

Set a steel "U-post" fence post with a "USFS 54-2" sign attached.

From this point, the 1916 closing cor., bears N. 0°03' E., 3.30 lks. dist., monumented with an iron post, 2 ins. diam., projecting 26 ins. above the ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. T21N R7W S35 S36 CC 1916. Add the marks 2016 and AM to the brass cap.

From this same point, the 1/4 sec. cor. of secs. 35 and 36, T. 21 N., R. 7 W., bears N. 0°03' E., 22.42 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 21 ins. above the ground, in a mound of stone, 3 1/2 ft. base, to brass cap mkd. 1/4 S35 S36 1916, from which the 1916 bearing trees

A juniper, 11 ins. diam., bears S. 69 1/2° E., 53 lks. dist., with scribe marks visible but not legible on a mostly healed blaze.

The closing cor. is located S., 7 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.

42.115

The 1872 Standard cor. of secs. 35 and 36, designated in the 1916 retracement as an angle point, monumented with a juniper, 12 ins. diam., with scribe marks TXXIN SXXXVI visible on the partially healed NE blaze and SXXXV IIIII visible on the partially healed NW blaze, with a mound of stone, 3 1/2 ft. base, 1 ft. high, N. of cor.

from which

A rebar, 5/8 in. diam., 24 ins. long, set 18 ins. in the ground, in a collar of stone, for a reference monument, bears S. 0°30′ E., 17.0 ft. dist., with brass cap, 2 ins. diam., mkd. RM 17.0 FT. TO COR. 2016, and an arrow pointing to the AP.

<b>CII</b>	- 72	Th	

A rebar, 5/8 in. diam., 24 ins. long, set 16 ins. in the ground, in a collar of stone, for a reference monument, bears N. 89°51′ W., 20.0 ft. dist., with brass cap, 2 ins. diam., mkd. RM 20.0 FT. TO COR. 2016, and an arrow pointing to the AP.

Attach a "USFS 54-9" sign to the N. face of the cor. tree.

This cor. is located in the fence line of a barbed wire fence, 4 strand, bears E. and W.

N. 89°37' W., bet. secs. 2 and 35.

Over rolling terrain, through piñon and juniper.

41.18

The 1872 Standard 1/4 sec. cor. of sec. 35, designated in the 1916 retracement as an angle point, monumented with a piñon pine stump ring, 8 ins. diam., flush with the ground. The piñon pine, 8 ins. diam., with faint scribe mark 4 visible on an open blaze, is laying near stump ring.

Set a standard monument, 24 ins. in the ground, in a collar of stone, mkd.

AP2 T 21 N R 7 W

> S 35 S 2

T 20 N R 7 W 2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

This cor. is located N., 10 1/2 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.

S. 84°49' W., beginning new measurement.

30.27

Point for the closing cor. of secs. 34 and 35, T. 21 N., R. 7 W., not monumented.

#### CHAINS

From this point, the 1916 closing cor. for secs. 34 and 35, T. 21 N., R. 7 W., bears S. 15°12'20" E., 1.24 chs. dist., monumented with an iron post, 2 ins. diam., projecting 20 ins. above the ground, in a mound of stone, 4 ft. base, to brass cap mkd. T21N R7W CC S34 S35 S3 1916. Add the marks 2016 to the brass cap.

From this same point, the 1/4 sec. cor. of secs. 34 and 35, T. 21 N., R. 7 W., bears N. 15°12'20" W., 25.695 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above the ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap mkd. 1/4 S34 S35 1916, from which the 1916 bearing trees

- A juniper, 18 ins. diam., bears N. 8° E., 1.80 chs. dist., with scribe marks 1/4 S35 BT on a partially healed blaze.
- A juniper, 15 ins. diam., bears N. 11° W., 99 lks. dist., with scribe marks 1/4 S34 BT on a partially healed blaze.

40.43

The 1872 Standard Corner of secs. 34 and 35, designated in the 1916 retracement as an angle point, monumented with a sandstone boulder, 2 x 3 ft., projecting 2 ft. above the ground, distinctly marked SC on the NE face. No other marks visible.

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, near middle of sandstone boulder, with top mkd.

AP1 T 21 N R 7 W

S 34

S 3

T 20 N R 7 W 2016

Deposit a magnet in drill hole at base of stem.

Set a rebar, 1/2 in. diam., 24 ins. long, cemented in a drill hole in same sandstone boulder, easterly of cor.

This cor. is located N., roughly 60 lks. dist. of a barbed wire fence, bears E. and W.

S. 85°40'30" W., bet. secs. 3 and 34.

Over rolling terrain, through piñon and juniper.

	T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona
CHAINS	
40.95	The 1872 Standard 1/4 sec. cor. of sec. 34, designated in the 1916 retracement as an angle point, monumented with a sandstone, 32 x 10 x 4 ins., in an embedded mound of stone, 3 ft. base, mkd. 1/4 on a face.
	Set a standard monument, 24 ins. in the ground, in a collar of stone, to cap mkd.
	AP2 T 21 N R 7 W
	S 34
-	S 3
	T 20 N R 7 W 2016
	Set a steel "U-post" fence post nearby with a "USFS 54-9" sign attached.
	This cor. is located S., roughly 75 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.
	S. 89°00' W., beginning new measurement.
25.685	From this point, the 1893 closing cor. for secs. 3 and 4, bears S., 47 lks. dist., monumented with a volcanic stone, 12 x 12 ins., projecting 10 ins. above the ground, with 3 grooves on the NE face, 3 grooves on the NW face and CC on the S. face.
35.765	Point for the closing cor. of secs. 33 and 34, T. 21 N., R. 7 W.
	at the cor. point
*	Set a standard monument, 23 ins. in the ground, with brass cap mkd.
Si.	T 21 N R 7 W
	S 33   S 34 C   C
	S 2 T 20 N R 7 W
	2016
	Set a steel "U-post" fence post with a "USFS 54-2" sign attached.

#### CHAINS

From this point, the 1916 closing cor., bears N. 0°05'30" E., 5 lks. dist., monumented with an iron post, 2 ins. diam., projecting 16 ins. above the ground, in a mound of stone, 3 1/2 ft. base, to brass cap mkd. T21N R7W CC S33 S34 S4 1916, from which the original bearing trees

- A juniper, 26 ins. diam., bears N. 5°13' E., 59 1/2 lks. dist., with scribe marks T21N R7W S34 BT visible on an open blaze(record N. 10° E., 43 lks. dist.)
- A juniper, 16 ins. diam., bears N. 63°35' W., 1.335 chs. dist., with scribe marks T21N R7W S33 BT visible on an open blaze (record N. 70° W., 1.25 chs. dist.)

Add the marks 2016 and AM to the brass cap.

From this same point, the 1/4 sec. cor. of secs. 33 and 34, T. 21 N., R. 7 W., bears N. 0°05'30" E., 29.25 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 22 ins. above the ground, in a mound of stone, 3 ft. base, 1/2 ft. high, with brass cap mkd. 1/4 S33 S34 1916.

40.82

The 1872 Standard cor. of secs. 33 and 34, designated in the 1916 retracement as an angle point, monumented with a stone, 5 x 5 ins., projecting 2 ins. above the ground, in the center of an embedded mound of stone, 3 ft. base, accepted by S.O. Hondrum, Registered Professional Engineer (Civil), in 1962, according to Book 9, Pages 45 through 48, Yavapai County Recorder's Office, dated December 10, 1962. Accepted as a careful and faithful perpetuation of orig. cor. position, from which a bearing tree taken by persons unknown

A juniper, 30 ins. diam., bears N. 32°40' W., 1.68 chs. dist., with scribe marks S33 visible on a partially healed blaze.

at the corner point

Set a standard monument, 24 ins. in the ground, in a collar of stone, mkd.

AP1 T 21 N R 7 W

S 33

S 4

T 20 N R 7 W 2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

#### CHAINS

This cor. is located N., 30 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.

From this point, the SE cor., Lot 120, identical with the SW cor., Lot 121, Forest Acres Unit One, established by S.O. Hondrum, Registered Professional Engineer (Civil), in 1962, according to Book 9, Pages 45 through 48, Yavapai County Recorder's Office, dated December 10, 1962, bears S. 88°29' W., 51 1/2 lks. dist., monumented with a rebar, 1/2 in. diam. firmly set, flush with the ground.

S. 88°37' W., bet. secs. 4 and 33.

Over rolling terrain, through piñon and juniper.

40.25

The 1872 Standard 1/4 sec. cor. of sec. 33, designated in the 1916 retracement as an angle point, monumented with a sandstone,  $6 \times 8 \times 21$  ins., embedded on its side, mkd. SC 1/4 on a face.

Set a standard monument, 23 ins. in the ground, in a collar of stone, mkd.

AP2 T 21 N R 7 W

> S 33 S 4

T 20 N R 7 W 2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

Place the original stone alongside the stainless steel post in the collar of stone.

From this point, a rebar, 1/2 in. diam., firmly set, flush with the ground, established by S.O. Hondrum, Registered Professional Engineer (Civil), in 1962, according to Book 9, Pages 45 through 48, Yavapai County Recorder's Office, dated December 10, 1962, bears S. 57°34' E., 76 lks. dist.

From this same point, a rebar, 1/2 in. diam., firmly set, flush with the ground established by S.O. Hondrum, Registered Professional Engineer (Civil), in 1962, according to Book 9, Pages 45 through 48, Yavapai County Recorder's Office, dated December 10, 1962, bears S. 34°49' W., 53 1/2 lks. dist.

S. 87°21' W., beginning new measurement.

	T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona
CHAINS	
25.14	From this point, the 1893 closing cor. for secs. 4 and 5, bears S., 68 lks. dist., monumented with a stone, 8 x 9 ins., projecting 6 ins. above the ground, with 4 grooves on the E. face, 2 grooves on the W. face and CC on the S. face, with a mound of stone, 2 1/2 foot base, 1/2 ft. high, SE of cor.
34.94	The 1916 closing cor. for secs. 32 and 33, monumented with an iron post, 2 ins. diam., projecting 14 ins. above the ground, with brass cap mkd. T21N R7W CC S32 S33 S5 T20N R7W 1916, with a mound of stone, 4 ft. diam., 2 ft. high, N. of cor. Add the marks 2016 to the brass cap.
	This cor. is located in a barbed wire fence, bears E. and W.
40.25	The 1872 Standard cor. of secs. 32 and 33, designated in the 1916 retracement as an angle point, monumented with a stone, 5 x 10 x 18 ins., embedded on its N. side, in crook of a juniper tree roots, with 2 grooves on the W. face.
	Set a standard monument, 24 ins. in the ground, in a collar of stone, mkd.
	AP1 T 21 N R 7 W
	S 32
-	S 5
	T 20 N R 7 W 2016
	Deposit the orig. stone alongside the stainless steel post in the collar of stone.
e	Set a steel "U-post" fence post nearby with a "USFS 54-9" sign attached.
3	S. 89°53'30" W., bet. secs. 5 and 32.
	Over rolling terrain, through piñon and juniper.
40.055	Point for the 1872 Standard 1/4 sec. cor. of sec. 32, designated in the 1916 retracement as an angle point, at proportionate dist., by method of irregular boundary adjustment, there is no remaining evidence of the 1872 monument or accessory.
	Set a standard monument, 23 ins. in the ground, in a collar of stone, mkd.

AP2 T 21 N R 7 W

> S 32 S 5

T 20 N R 7 W 2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign attached.

S. 85°16' W., beginning new measurement.

34.935

True point for the closing cor. of secs. 31 and 32, T. 21 N., R. 7 W.

at the closing cor. point

Set a standard monument, 14 ins. in the ground, in a mound of stone, 3 ft. base, to brass cap mkd.

T 21 N R 7 W

2016

Set a steel "U-post" fence post with a "USFS 54-2" sign attached.

From this point, the 1916 closing cor. for secs. 31 and 32, bears S. 0°04'40" W., 3/4 lk. dist., monumented with an iron post, 2 ins. diam., projecting 25 ins. above the ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, with a brass cap mkd. T21N R7W S31 S32 CC 1916, from which the orig. bearing tree

A juniper, 14 ins. diam., bears N. 44°10′ W., 25 lks. dist., with scribe marks T21N R7W S31 BT visible on a partially healed blaze.

Add the marks 2016 and AM to the brass cap.

#### CHAINS

From this same point, the 1/4 sec. cor. of secs. 31 and 32, T. 21 N., R. 7 W., bears N.  $0^{\circ}04'40''$  E., 35.025 chs. dist., monumented with an iron post, 1 in. diam., projecting 13 ins. above the ground, in a mound of stone, 3 ft. base, to brass cap mkd. 1/4 S31 S32 1916, from which the orig. bearing tree

- A juniper, 16 ins. diam., bears N. 4°38' E., 3.59 chs. dist., with a healed blaze.
- A juniper, 26 ins. diam., bears N. 74°37' W., 3.53 chs. dist., with scribe marks visible but not legible on a mostly healed blaze.

#### 40.76

The 1872 Standard cor. of sec. 31 and 32, designated in the 1916 retracement as an angle point, monumented with a stone,  $10 \times 10 \times 15$  ins., settled slightly in ground, with no marks visible, with scattered remains of a mound of stone to the N., and from which a bearing tree taken by persons unknown

A juniper, 24 ins. diam., bears S. 51°50' E., 1.32 chs. dist., with faint scribe marks 2 7 S T visible on a partially healed blaze.

Set a standard monument, 23 ins. in the ground, in a collar of stone, mkd.

AP1 T 21 N R 7 W

S 31

S 6

T 20 N R 7 W 2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

This cor. is located S., 25 lks. dist. of a barbed wire fence, 4 strand, bears E. and W.

\*NOTE\* - The Plat of the Dependent Resurvey & Monumentaion of a Portion of The South Boundary of Sec. 31, T. 21 N., R. 7 W., G&SR Meridian, filed in Book 16, Pages 14 and 15, Yavapai County Recorder's Office, dated July 1, 1992, indicates that a stone, 10 x 15 ins., faintly marked, was recovered at this position and remonumented with an aluminum post (not found). Plats filed in Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, and Book 172, Page 11, Yavapai County Recorder's Office, dated September 27, 2007, indicate that an aluminum post was recovered at this position.

	T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona					
CHAINS						
	N. 88°42' W., bet. secs. 6 and 31.					
	Over slightly rolling terrain, through piñon and juniper.					
3.435	From this point, the SE cor. of parcel 1512A, identical with the SW cor. of parcel 1512D, established by Jeffrey M. Flahart, Arizona R.L.S. No. 34711, in 2007, according to Book 172, Page 11, Yavapai County Recorder's Office, dated September 27, 2007, bears N., 2 1/2 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, flush with the ground, with a plastic cap mkd. SURV NET LS34711. This local cor. is located S., 3 lks. dist. of an old barbed wire fence, 5 strand, bears E and W., and E., 1 1/2 lks. dist., of a newer barbed wire fence, 5 strand, bears N.					
13.075	The SE cor. of parcel 1511E identical with the SW cor. of parcel 1512A, established by David Steven McLaughlin, Arizona R.L.S. No. 11752, in 2000, according to Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, monumented with a rebar, 1/2 in. diam., projecting 8 ins. above the ground, with an alum. cap, 2 ins. diam., mkd. NW L.S. AZ 1511 1512 LS11752. This local cor. is located N., roughly 45 lks. dist. of an old barbed wire fence, 5 strand, bears E. and W., and is in a newer barbed wire fence, 5 strand, bears SE and NW.					
39.605	Point for the 1872 Standard 1/4 sec. cor. of sec. 31, designated in the 1916 retracement as an angle point, at proportionate dist., by method of irregular boundary adjustment, there is no remaining evidence of the 1872 monument or accessory.					
	Set a standard monument, 24 ins. in the ground, in a collar of stone, mkd.					
	AP2 T 21 N R 7 W					
70	S 31					
	S 6					
â.	T 20 N R 7 W					
	20 N R / W 2016					
	Set a steel "U-post" fence post nearby with a "USFS 54-9" sign attached.					
	53					

#### CHAINS

From this point, a rebar, 1/2 in. diam., firmly set, flush with the ground, with an alum. cap, 2 ins. diam., mkd. N.S.I. AZ LS11752, reestablished by David S. McLaughlin, Arizona R.L.S. No. 11752, in 2000, according to the Plat of Sierra Verde Ranch Unit XXXIV, Section 31, T. 21 N. R. 7 W. G&SR Meridian, filed in Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, bears S. 18°05' W., 30 lks. dist. According to the plat, this cor. was established using the proper methods and the proper control, but the position does not reflect record and is not utilized in the course of this survey.

N. 89°42'30" W., beginning new measurement.

- The SE cor. of lot 1511C identical with the SW cor. of lot 1511D, established by Jeffrey M. Flahart, Arizona R.L.S. No. 34711, in 2006, according to Book 154, Page 5, Yavapai County Recorder's Office, dated August 15, 2006, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, with a plastic cap mkd. SURV NET LS34711. Cor. is located SE, approx. 1 lk. Dist. of a railroad tie fence cor. post.
- 10.65 Enter graded area and crossing private gravel driveway, bears S. 30° E. and N. 30° W.
- 12.04 | Leave private driveway, bears S. 50° E. and N. 50° W.
- 15.355 From this point, the SE cor. of lot 1512B identical with the SW cor. of lot 1511C, established by Jeffrey M. Flahart, Arizona R.L.S. No. 34711, in 2006, according to Book 154, Page 5, Yavapai County Recorder's Office, dated August 15, 2006, bears S., 6 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, with a plastic cap mkd. SURV NET LS34711.
- From this point, the SE cor. of lot 1512A identical with the SW cor. of lot 1511B, established by Jeffrey M. Flahart, Arizona R.L.S. No. 34711, in 2006, according to Book 154, Page 5, Yavapai County Recorder's Office, dated August 15, 2006, bears S., 1 lk. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, with a plastic cap mkd. SURV NET LS34711.

#### CHAINS

#### 22.625

From this point, the NE cor. of lot 148, established by Lynne A. Winkler, Arizona R.L.S. No. 11898, date unknown, bears S., 5.7 lks. dist., monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with alum. cap mkd. L.A. WINKLER & ASSOC 148 LS11898. Plats filed in Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, and Book 70, Pages 81 through 85, Yavapai County Recorder's Office, dated August 7, 2002, utilize this monument as a closing cor. and use it to re-establish a corner position on the Standard parallel.

#### 42.055

The Standard cor. of Tps. 21 N., Rs. 7 and 8 W., perpetuated by Lynne A. Winkler, Arizona R.L.S. No. 11898, monumented with a rebar, 5/8 in. diam., firmly set, flush with the ground, in a loose ring of stones, with alum. cap, 2 ins. diam., mkd. L.A. WINKLER & ASSOC SEC 36 SEC 31 148 LS11898. This cor. was accepted by Michael Haywood, Arizona R.L.S. No. 13941, in 1992, according to Book 16, Pages 14 and 15, Yavapai County Recorder's Office, dated July 1, 1992, and by David S. McLaughlin, Arizona R.L.S. No. 11752, in 2000 and 2002, according to Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, and Book 70, Pages 81 through 85, Yavapai County Recorder's Office, dated August 7, 2002, and is accepted as a careful and faithful perpetuation of orig. cor. position, from which the original bearing tree

A juniper, 30 ins. diam., bears S. 84°31' E., 77 lks. dist., with faint scribe marks visible but not legible on a partially healed blaze. (record E., 75 lks. dist.)

The original stone,  $12 \times 10 \times 8$  ins., with 6 faint grooves on one face, and 6 faint grooves on another face, was among the stones ringing the rebar.

Dependent Resurvey of a portion of the West Boundary, T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Philip Contzen, 1893

From the 1/4 sec. cor. of secs. 1 and 6, set by Lynne A. Winkler, Arizona R.L.S. No. 11898, date unknown, and accepted by David S. McLaughlin, Arizona R.L.S. No. 11752, in 2000 and 2002, according to Book 56, Pages 43 through 47, Yavapai County Recorder's Office, dated September 14, 2000, and Book 70, Pages 81 through 85, Yavapai County Recorder's Office, dated August 7, 2002, monumented with a rebar, 5/8 in. diam., firmly set, projecting 6 ins. above the ground, in a mound of stone, 3 ft. base, to alum. cap mkd. L.A. WINKLER & ASSOC 151 152 LS 11898.

## Dependent Resurvey of A Portion of The West Boundary, T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona

#### CHAINS

With a mound of stone, 2 ft. base, 3 ft. high, N. of cor. Rebuild the witness mound of stone, 3 ft. base, 2 ft. high, W. of cor.

N. 0°41'30" W., bet. secs. 1 and 6.

Over rolling terrain, through scattered piñon and juniper.

The NE cor. of lot 148, hereinbefore described, and used to control bearing to intersect the Standard parallel.

46.745 | Point for the closing cor. of Tps. 20 N., Rs. 7 and 8 W.

Set a rebar, 5/8 in. diam., 24 ins. long, 6 ins. in a drill hole, 12 ins. below ground level (18 ins. in the ground), in a collar of stone, with 2 in. diam. brass cap mkd.

#### T 21 N R 7 W

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, SE of cor., supporting a steel "U-post" fence post with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

From this point, the old Standard 1/4 sec. cor. of sec. 31, designated in the 1916 retracement as an angle point, bears S. 89°42'30" E., 22.625 chs. dist., hereinbefore described.

From this same point, the Standard cor. of Tps. 21 N., Rs. 7 and 8 W., bears N. 89°42'30" W., 19.43 chs. dist., hereinbefore described.

Dependent Resurvey of a portion of the Subdivisional Lines, T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Philip Contzen, 1893

From the sec. cor. of secs. 1, 2, 11 and 12, monumented with a limestone, 10 x 6 ins., projecting 6 ins. above the ground, mkd. with 1 groove on SE face, with an embedded mound of stone, 2 1/2 ft. base, 1/2 ft. high, W. of cor., from which the original bearing trees

#### CHAINS

- A juniper, 10 ins. diam., bears N. 83°09' E., 75 lks. dist., with no scribe marks visible on a partly healed blaze. (record N. 84° E., 74 lks. dist.)
- A juniper, 20 ins. diam., bears S. 55° E., 13 lks. dist., with scribe marks T20N R7W S12 BT visible on an open blaze.

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a Forest Service 54-2 "Property Boundary" sign attached.

From this point, the sec. cor. of secs. 11, 12, 13 and 14, bears S. 0°25' E., 80.015 chs. dist., monumented with an alum. post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 4 ft. base to alum. cap mkd. T20N R7W S11 S12 18554 S14 S13 1985.

N. 0°25' W., bet. secs. 1 and 2.

Over rolling terrain, through scattered piñon and juniper.

39.93

The 1/4 sec. cor. of secs. 1 and 2, monumented with a limestone, 17 x 12 x 6, laying loose, with no marks visible.

At the cor. point

Set a standard monument, 6 ins. in the ground to bedrock, in a supporting mound of stone, 6 ft. base, to cap mkd.

T 20 N R 7 W

1/4

S 2 | S 1

2016

Deposit a magnet in a drill hole, 2 ins. deep, at the base of the stainless steel post.

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

100.13

Point for the closing cor. of secs. 1 and 2, T. 20 N., R. 7 W., on the Fifth Standard Parallel North.

Set a standard monument, 20 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to cap mkd.

CHAINS

T 21 N R 7 W

S 36

C C

S 2 S 1

T 20 N R 7 W

2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

From this point, the old Standard 1/4 sec. cor. of sec. 36, designated in the 1916 retracement as an angle point, bears S. 89°50' E., 31.205 chs. dist., hereinbefore described.

From this same point, the old Standard cor. of secs. 35 and 36, designated in the 1916 retracement as an angle point, bears N. 89°50' W., 10.91 chs. dist., hereinbefore described.

From the sec. cor. of secs. 2, 3, 10 and 11, monumented with a stone, 8 x 8 x 15 ins., mkd. with 2 grooves on E. face and 5 grooves on S. face, with an embedded mound of stone, 3 ft. base, 1/2 ft. high, W. of cor.

At the cor. point

Set a standard monument, 24 ins. in the ground, mkd.

T 20 N R 7 W

2016

Rebuild mound of stone, 3 ft. base, 2 1/2 ft. high, W of cor. Place original cor. stone in witness mound.

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign attached.

N. 0°28' W., bet. secs. 2 and 3.

Over rolling terrain, through scattered piñon and juniper.

39.83

The 1/4 sec. cor. of secs. 2 and 3, monumented with a stone, 6 x 9 ins., projecting 6 ins. above the ground, mkd. 1/4 on the W. face, with an embedded mound of stone, 2 ft. base, 1/2 ft. high, W. of cor.

#### CHAINS

at the cor. point

Set a cotton picker spindle 7 ins. below the ground and reset the orig. cor. stone,  $6 \times 9 \times 11$  ins., 7 ins. in the ground.

Rebuild mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

96.405

Point for the closing cor. of secs. 2 and 3, T. 20 N., R. 7 W.

Set a standard monument, 23 ins. in the ground, mkd.

T 21 N R 7 W

2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

From this point, the old Standard 1/4 sec. cor. of sec. 35, designated in the 1916 retracement as an angle point, bears N. 84°49' E., 27.08 chs. dist., hereinbefore described.

From this same point, the old Standard cor. of secs. 34 and 35, designated in the 1916 retracement as an angle point, bears S. 84°49' W., 13.35 chs. dist., hereinbefore described.

From the line tree on line bet. secs. 3 and 4, a juniper, 12 ins. diam., with axe hack marks visible on a partially healed blaze on the N face. Attach Bureau of Land Management S-101 "Line Tree" signs to the N. and S. faces.

From this point, the sec. cor. of secs. 3, 4, 9 and 10, bears S. 0°18' E., 58.84 chs. dist., monumented with a volcanic stone, 6 x 10 ins., projecting 6 ins. above the ground, mkd. with 3 grooves on E. face and 5 grooves on S. face, with an embedded mound of stone, 3 ft. base, 1/2 ft. high, W. of cor. and a "T-post" fence post nearby with a faded "USFS 54-9" sign attached. Replace old sign with new "USFS 54-9" sign.

N. 0°14' W., bet. secs. 3 and 4.

Over rolling terrain, through scattered piñon and juniper.

## Dependent Resurvey of a Portion of the Subdivisional Lines,

## T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona CHAINS 32.485 The 1893 closing cor. for secs. 3 and 4, hereinbefore described, chisel AM on the stone and leave in place. 32.955 Point for the closing cor. of secs. 3 and 4, T. 20 N., R. 7 W. Set a standard monument, 22 ins. in the ground, in a collar of stone, mkd. T 21 N R 7 W S 34 C C S 4 | S 3 T 20 N R 7 W 2016 Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached. This cor. is located S., 7 lks. dist. of a barbed wire fence, 4 strand, bears E. and W. From this point, the old Standard 1/4 sec. cor. of sec. 34, designated in the 1916 retracement as an angle point, bears N. 89°00' E., 25.685 chs. dist., hereinbefore described. From this same point, the old Standard cor. of secs. 33 and 34, designated in the 1916 retracement as an angle point, bears S. 89°00' W., 15.135 chs. dist., hereinbefore described. From the 1/4 sec. cor. of secs. 4 and 5, monumented with a volcanic stone, 6 x 10 ins., projecting 6 ins. above the ground, mkd. 1/4 on the W. face. From this point, the sec. cor. of secs. 4, 5, 8 and 9, bears S. 0°30' E., 39.92 chs. dist., monumented with a volcanic stone, $7 \times 10$ ins., projecting 8 ins. above the ground, mkd. with 4 grooves on E. face and 5 grooves on S. face, with an embedded mound of stone, 3 ft. base, 1/2 ft. high, SW of cor. and a "T-post" fence post nearby with a "USFS 54-2" sign attached. N. 0°28'30" W., bet. secs. 4 and 5. Over rolling terrain, through scattered piñon and juniper. 21.84 Line tree, a juniper, 16 ins. diam., with 2 healed blazes on the N. face. 49.58 The 1893 closing cor. for secs. 4 and 5, hereinbefore described, chisel AM on the stone and leave in place.

#### CHAINS

50.26 Point for the closing cor. of secs. 4 and 5, T. 20 N., R. 7 W.

Set a standard monument, 22 ins. in the ground, in a collar of stone, mkd.

T 21 N R 7 W

2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

From this point, the old Standard 1/4 sec. cor. of sec. 33, designated in the 1916 retracement as an angle point, bears N. 87°21' E., 25.145 chs. dist., hereinbefore described.

From this same point, the old Standard cor. of secs. 32 and 33, designated in the 1916 retracement as an angle point, bears S. 87°21' W., 15.105 chs. dist., hereinbefore described.

From the sec. cor. of secs. 5, 6, 7 and 8, monumented with a volcanic stone,  $6 \times 10$  ins. projecting 8 ins. above the ground, mkd. with 5 grooves on E face and 5 grooves on S face.

Place a 60D nail at base of (underneath) orig. stone, and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W of cor.

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

N. 0°30' W., bet. secs. 5 and 6.

Over rolling terrain, through scattered piñon and juniper.

- Line tree, a juniper, 36 ins. diam., dead and standing, with no visible blazes.
- Point for the 1/4 sec. cor. of secs. 5 and 6, determined at proportionate dist., there is no remaining evidence of the orig. cor.

Set a standard monument, 14 ins. in the ground to bedrock, in a supporting mound of stone, 5 ft. base, to cap mkd.

CHAINS

T 20 N R 7 W

1/4

S 6 | S 5

2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

86.975

Point for the closing cor. of secs. 5 and 6, T. 20 N., R. 7 W.

Set a standard monument, 23 ins. in the ground, in a collar of stone, mkd.

T 21 N R 7 W

2016

Set a steel "U-post" fence post nearby with a "USFS 54-9" sign and a "USFS 54-2" sign attached.

From this point, the old Standard 1/4 sec. cor. of sec. 32, designated in the 1916 retracement as an angle point, bears N. 85°16' E., 24.665 chs. dist., hereinbefore described.

From this same point, the old Standard cor. of secs. 31 and 32, designated in the 1916 retracement as an angle point, bears S. 85°16' W., 16.095 chs. dist., hereinbefore described.

#### GENERAL DESCRIPTION

The purpose of this survey is to define the 1872 survey by Omar H. Case of the Fifth Standard Parallel North, and to reestablish Philip Contzen's 1893 closing corners for T. 20 N., R. 7 W., in order to mark the Forest Service's north boundaries of sections 2, 4 and 6, using Forest Service signs 54-2 "Property Boundary" attached to U-Post fence posts at 250 to 300 foot intervals.

#### T. 15 N., R. 5 W., Gila and Salt River Meridian, Arizona

#### CHAINS

This survey is located approximately 14 miles southwesterly of Seligman, Arizona. Access to the westerly portion of this project is by way of Buck Road, a dirt road, off of Anvil Rock Road, a paved road becoming a graded road, off of Interstate 40, and to the easterly portion, is by way of a series of dirt roads, off of Williamson Valley Road, a graded road, off of Interstate 40.

The terrain is rolling hills, with scattered piñon and juniper. The elevation is between 5600 to 5900 ft. above sea level.

The mean magnetic declination of 11° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2015 for the dates of survey.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

NAMES	CAPACITY
Blas J. Urena	Cadastral Surveyor
Charles E. Besancon, III	Surveying Technician
Robin D. Rasmussen	Forest Service Land Surveyor
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#### CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 23rd day of March, 2016, I have dependently resurveyed a portion of the Fifth Standard Parallel North (North Boundary), a portion of the west boundary, and a portion of the subdivisional lines, T. 20 N., R. 7 W., Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

APRIL 67 2017

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Fifth Standard Parallel North (North Boundary), a portion of the west boundary and a portion of the subdivisional lines, T. 20 N., R. 7 W., Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

<u>June 29, 2017</u> (Date)

(Chief Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 20 N., R. 7 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date) (Chief Cadastral Surveyor of Arizona)